

10/6/05, 733

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1443	359/290-292.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:00
2	BRS	L2	15169153	@pd>="19950101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:01
3	BRS	L3	1202	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:01
4	BRS	L4	9680482	@pd>="20000101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:01
5	BRS	L5	980	1 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:35
6	BRS	L6	0	("2004/0125432").URPN.	USPAT	2005/08/ 20 15:08
7	BRS	L7	21	("5069742" "5470797" "5490034" "5629790" "5677783" "5870007" "5903380" "5962949" "6046659" "6057520" "6074890" "6094289" "6153839" "6229683" "6236491" "6243194" "6275320" "6299462" "6303885" "6331257" "6456420").PN.	US-PGPUB; USPAT; USOCR	2005/08/ 20 15:22
8	BRS	L8	0	("6654155").URPN.	USPAT	2005/08/ 20 15:25
9	BRS	L9	980	1 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:26

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10	BRS	L21	281	(US-6608714-\$ or US-6608712-\$ or US-6603591-\$ or US-6600591-\$ or US-6600587-\$ or US-6597491-\$ or US-6597490-\$ or US-6597488-\$ or US-6594082-\$ or US-6594060-\$ or US-6593677-\$ or US-6590697-\$ or US-6590695-\$ or US-6590692-\$ or US-6589452-\$ or US-6588944-\$ or US-6587253-\$ or US-6585379-\$ or US-6583921-\$ or US-6583920-\$ or US-6580490-\$ or US-6577431-\$ or US-6574033-\$ or US-6574032-\$ or US-6574030-\$ or US-6570700-\$).did. or (US-6567205-\$ or US-6563626-\$ or US-6563106-\$ or US-6560002-\$ or US-6560001-\$ or US-6556338-\$ or US-6556334-\$ or US-6556318-\$ or US-6552842-\$ or US-6552840-\$ or US-6552839-\$ or US-6549730-\$ or US-6549692-\$ or US-6549326-\$ or US-6549324-\$ or US-6549323-\$ or US-6545796-\$ or US-6545385-\$ or US-6542282-\$ or US-6538800-\$ or US-6538799-\$ or US-6538798-\$ or US-6538797-\$ or US-6538796-\$ or US-6535325-\$ or US-6535318-\$ or US-6532115-\$).did. or (US-6529311-\$ or US-6529310-\$ or US-6525889-\$ or US-6525864-\$ or US-6525863-\$ or US-6523961-\$ or US-6522454-\$ or US-6522453-\$ or US-6522452-\$ or US-6522448-\$ or US-6521877-\$ or US-6519075-\$ or US-6519074-\$ or US-6519073-\$ or US-6513939-\$ or US-6512625-\$ or US-6512622-\$ or US-6509998-\$ or US-6507326-\$ or US-6505939-\$ or US-6504644-\$ or US-6504643-\$ or US-6501589-\$ or US-6501588-\$ or US-6496291-\$ or US-6495893-\$ or US-6487001-\$).did. or (US-6487000-\$ or US-6486938-\$ or US-6480324-\$ or US-6480320-\$ or US-6480319-\$ or US-6477290-\$ or US-6473237-\$ or US-6473221-\$ or US-6469821-\$ or US-6466358-\$ or US-6466357-\$ or US-6466356-\$ or US-6466354-\$ or US-6464364-\$ or US-6462858-\$ or US-6459524-\$ or US-6459523-\$ or US-6457833-\$ or US-6456421-\$ or US-6456345-\$ or US-6452712-\$ or US-6449081-\$ or US-6445502-\$ or US-6445488-\$ or US-6437925-\$ or US-6437903-\$ or US-6437902-\$).did. or (US-6433933-\$ or US-6433917-\$ or US-6429976-\$ or US-6426840-\$ or US-6424450-\$ or US-6421165-\$ or US-6414783-\$ or US-6414782-\$ or US-6412972-\$ or US-6411426-\$ or US-6411425-\$ or US-6411424-\$ or US-6411423-\$ or US-	USPAT	2005/08/20 15:27

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11	BRS	L22	463	1 not 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:45
12	BRS	L23	304	359/295.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:45
13	BRS	L24	70	23 not 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:46
14	BRS	L25	430	359/298.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:47

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15	BRS	L26	302	25 not 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:47
16	BRS	L27	301	26 not 23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:51
17	BRS	L28	818	359/223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:51
18	BRS	L29	699	28 not (1 or 9 or 23 or 25)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:59
19	BRS	L30	721	359/224.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:59
20	BRS	L31	349	30 not (1 or 9 or 23 or 25 or 28)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:59

	Document ID	1	Kind Codes	Source	Issue Date	Pages	Title
1	US 2004024655X 8 A1			US- PGPUB	200412 09	12	Micromirror actuator
2	US 2004024003X 2 A1			US- PGPUB	200412 02	23	Interferometric modulation of radiation
3	US 2002005748X 4 A1			US- PGPUB	200205 16	14	Optical switch
4	US 6661561 B2	X		USPAT	200312 09	11	High frequency deformable mirror device
5	US 6654155 B2	X		USPAT	200311 25	10	Single-crystal-silicon ribbon hinges for micro-mirror and MEMS assembly on SOI material
6	US 6456420 B1	X		USPAT	200209 24	19	Microelectromechanical elevating structures
7	US 6303885 B1	X		USPAT	200110 16	14	Bi-stable micro switch
8	US 6299462 B1	X		USPAT	200110 09	12	Self positioning, passive MEMS mirror structures
9	US 6236491 B1	X		USPAT	200105 22	20	Micromachined electrostatic actuator with air gap
10	US 6229683 B1	X		USPAT	200105 08	14	High voltage micromachined electrostatic switch
11	US 6153839 A	X		USPAT	200011 28	19	Micromechanical switching devices
12	US 6094289 A	X		USPAT	200007 25	23	Method and apparatus for optical code reading using a MEM optical resonator having an integral photodetector
13	US 6057520 A	X		USPAT	200005 02	15	Arc resistant high voltage micromachined electrostatic switch
14	US 5903380 A	X		USPAT	199905 11	19	Micro-electromechanical (MEM) optical resonator and method
15	US 5870007 A	X		USPAT	199902 09	14	Multi-dimensional physical actuation of microstructures
16	US 5629790 A	X		USPAT	199705 13	20	Micromachined torsional scanner

	Abstract	Current OR	Current XRef
1		359/291	
2		359/291	
3		359/291	359/292; 359/295; 359/298
4		359/291	359/230; 359/298
5		359/290	359/223; 359/224; 359/231; 359/248
6		359/291	333/246; 359/298; 361/277
7		200/181	310/307
8		439/81	200/181; 438/50; 438/52; 439/82; 439/852; 439/856
9		359/291	359/230; 359/290; 359/292
10		361/233	361/207
11		200/181	
12		359/223	235/462.0 1; 359/224
13		200/181	200/512
14		359/224	359/202; 359/223
15		333/262	333/197
16		359/198	250/234; 359/199; 359/201; 359/202; 359/203; 359/214; 359/224

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17	US 6608714 B2	X		USPAT	200308 19	8	Bi-directional, single material thermal actuator
18	US 6556318 B1	X		USPAT	200304 29	10	Method and apparatus for signal and switch monitoring in an optical cross connect
19	US 6538796 B1	X		USPAT	200303 25	18	MEMS device for spacecraft thermal control applications
20	US 6396620 B1	X		USPAT	200205 28	16	Electrostatically actuated electromagnetic radiation shutter
21	US 6275325 B1	X		USPAT	200108 14	12	Thermally activated microelectromechanical systems actuator
22	US 6233088 B1	X		USPAT	200105 15	16	Methods for modulating a radiation signal
23	US 6220561 B1	X		USPAT	200104 24	16	Compound floating pivot micromechanisms
24	US 6137623 A	X		USPAT	200010 24	17	Modulatable reflectors and methods for using same
25	US 6071752 A	X		USPAT	200006 06	11	Method of making a light reflector
26	US 6067183 A	X		USPAT	200005 23	7	Light modulator with specific electrode configurations
27	US 6034807 A	X		USPAT	200003 07	14	Bistable paper white direct view display
28	US 5886811 A	X		USPAT	199903 23	24	Thin film actuated mirror array in an optical projection system and method for manufacturing the same
29	US 5739941 A	X		USPAT	199804 14	7	Non-linear hinge for micro-mechanical device
30	US 2002013585X 0 A1	X		US- PGPUB	200209 26	19	Multistage rotatable actuator
31	US 6728017 B2	X		USPAT	200404 27	13	Micromirror actuator
32	US 6864618 B2	X		USPAT	200503 08	35	Method for operating a microelectromechanical system using a stiff coupling
33	US 6532093 B2	X		USPAT	200303 11	14	Integrated micro-opto-electro-mechanical laser scanner

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17		359/296	359/288; 359/290
18		398/9	359/224; 359/291; 398/12
19		359/291	359/290
20		359/292	359/227; 359/230; 359/291
21		359/291	359/290
22		359/291	359/223; 359/292; 359/298; 359/846
23		248/487	359/290; 359/291
24		359/291	359/290; 359/292
25		438/52	257/659; 359/290; 438/72
26		359/254	345/108; 348/203; 359/230; 359/290; 359/291
27		359/227	345/108; 345/109; 359/230; 359/291
28		359/291	359/224; 359/295; 359/318; 359/846
29		359/224	359/290
30		359/224	359/298
31		359/224	359/298
32		310/309	359/198; 359/223; 385/18
33		359/198	359/201; 359/223; 359/224

	Document ID	1	Kind Codes	Source	Issue Date	Pages	Title
34	US 6292600 B1	X		USPAT	200109 18	12	Angular-precision enhancement in free-space micromachined optical switches
35	US 5867297 A	X		USPAT	199902 02	16	Apparatus and method for optical scanning with an oscillatory microelectromechanical system
36	US 2004011425X 9 A1			US-PGPUB	200406 17	62	Mirror device, optical switch, thin film elastic structure, and thin elastic structure producing method
37	US 6831391 B2	X		USPAT	200412 14	21	Microelectromechanical system for tilting a platform
38	US 6650806 B2	X		USPAT	200311 18	39	Compliant push/pull connector microstructure
39	US 6637901 B2	X		USPAT	200310 28	22	Mirror assembly with elevator lifter

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34		385/18	359/198; 359/223; 359/872
35		359/198	235/462.3 2; 359/199; 359/200; 359/201; 359/202; 359/212; 359/213; 359/214; 359/223
36		359/849	359/224
37		310/309	359/224; 359/225; 385/18
38		385/18	359/224
39		359/872	359/224; 359/225; 359/871; 359/877